

Claim 31, line 1, change "32" to --30--.

Claim 56, line 1, change "32" to --30--.

Claim 57, line 1, change "32" to --30--.

Claim 58, line 1, change "32" to --30--.

Claim 59, line 1, change "32" to --30--.

Claim 60, line 1, change "32" to --30--.

Claim 61, line 1, change "32" to --30--.

REMARKS

Applicants courteously request reconsideration and reexamination of this application.

Applicants have employed the numbering of the claims given on page 2 of Paper No. 8. Thus, claims numbered 32 and 33 in Paper No. 3, filed September 23, 1988, now appear as claims 30 and 31, respectively. Claims 58-63 submitted in the Amendment in response to Paper No. 4, filed November 29, 1990, now appear as claims 56-61, respectively.

Applicants have cancelled claims 62-106 (numbered as claims 64-108 in the Amendment in response to Paper No. 4). Applicants have cancelled these claims without prejudice and reserve the right to prosecute the subject matter of these claims in another application.

Claim 30 was rejected under 35 U.S.C. §112, first paragraph, as the disclosure is allegedly enabling only for claims limited to the entire sequence as set forth in claim 30. The Examiner requested that applicants amend claim 30 by deleting "at least a portion of". Applicants have amended

LAW OFFICES
FINNEGAN, HENDERSON
FARABOW, GARRETT
& DUNNER
1300 I STREET, N. W.
WASHINGTON, DC 20005
1-202-408-4000

claim 30 as suggested by the Examiner because portions of the DNA sequence are encompassed by the other claims. Accordingly, applicants submit that this ground for rejection is now moot and that claim 30 is allowable.

Claims 30, 31, and 56-61 were rejected under 35 U.S.C. §112, second paragraph, as being allegedly indefinite for failing to particularly point out and distinctly claim the subject matter which applicants regard as the invention. Applicants respectfully traverse this ground for rejection.

Claims 31 and 56-61 have been amended to change the dependency of these claims from claim 32 to claim 30. As claim 30 is allowable, claims 31 and 56-61, which depend from claim 30, are also allowable. Accordingly, applicants submit that claims 31 and 56-61 are now definite. As such, applicants request the withdrawal of this ground for rejection.

Entry of this amendment after final rejection is respectfully requested because it eliminates all of the issues from appeal. Applicants respectfully request reconsideration and reexamination of this application and allowance of the pending claims.

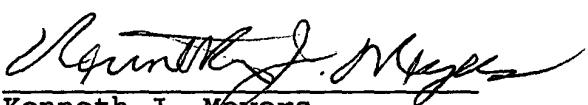
LAW OFFICES
FINNEGAN, HENDERSON
FARABOW, GARRETT
& DUNNER
1300 I STREET, N. W.
WASHINGTON, DC 20005
1-202-408-4000

The Commissioner is hereby authorized to charge any fees associated with this communication to our Deposit Account No. 06-916. If a fee is required for an Extension of Time under 37 C.F.R. §1.136 not accounted for above, such extension is requested and should also be charged to our Deposit Account.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER

By:


Kenneth J. Meyers
Reg. No. 25,146

Dated: June 21, 1991

LAW OFFICES
FINNEGAN, HENDERSON
FARABOW, GARRETT
& DUNNER
1300 I STREET, N. W.
WASHINGTON, DC 20005
I-202-408-4000